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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of C. Hale, et al.

Art Unit 1645

Serial No. 09/901,419

Filed July 9, 2001

For LARGE SCALE EXPRESSION AND PURIFICATION OF RECOMBINANT
PROTEINS

Commissioner for Patents
Washington, D.C. 20231

July 25, 2002

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TC 1700

PRELIMINARY AMENDMENT

SIR:

Prior to examination of the present application, please
enter the following amendments and remarks:

In the claims:

Please cancel claim 2, and enter amended claims 1, 8, 11,
12, 19, and 20, and new claim 21:

Please substitute the following for Claim 1:

1. (once amended) A method for producing a recombinant
membrane protein in an insect larvae expression system, the
method comprising:

(a) infection of larvae with a vector that has a
nucleic acid sequence that encodes a recombinant membrane fusion
protein with an affinity tag wherein the recombinant membrane
protein is expressed in the larvae; and

(b) purification of the recombinant membrane protein
from said larvae by affinity chromatography.